



# भारत का राजपत्र

## The Gazette of India

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नई दिल्ली, शनिवार, फरवरी 22, 1969 (फाल्गुन 3, 1890)

No. 8] NEW DELHI, SATURDAY, FEBRUARY 22, 1969 (PHALGUNA 3, 1890)

इस भाग में निम्न पृष्ठ संख्या दी जाती है जिससे कि यह भाग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

### भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों के सम्बन्धित अधिवृत्तियां और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

#### Patents and Designs

Calcutta, the 22nd February 1969

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

The 1st February 1969

- 119639. Kanegafuchi Boseki Kabushiki Kaisha. Production of polyesters.
- 119640. Ciba Limited. Biocidal agents.
- 119641. Ciba Limited. N-[3-trifluoromethyl-4-chlorophenyl]-carbamates and pesticidal preparations containing them.
- 119642. Ciba Limited. New vat dyestuffs and processes for their manufacture and use.
- 119643. Beecham Group Limited. Penicillins. (3rd February 1968).
- 119644. The Wellcome Foundation Limited. Chemical compounds and method. (2nd February 1968).
- 119645. Texas Eastern Transmission Corporation. Cryogenic recovery vaporizer.
- 119646. Ciba Limited. Process for the manufacture of new derivatives of 7-aminocephalosporanic acid.
- 119647. Xerox Corporation. Photoelectrophoretic Imaging composition. [Divisional date 5th May 1967].
- 119648. Quenot & Cie S.a.r.l. Clutch device for linear measuring instruments with tape.
- 119649. Quenot & Cie S.a.r.l. Linear measuring instrument with tape exiting through handle.
- 119650. Marshall's Tea Machinery Company Limited. Improvements in and relating to tea machines. (8th February 1968).

- 119651. Sphere Investments Limited. Photometric sorting apparatus. (2nd February 1968).
- 119652. The Norwich Pharmacal Company. Improvements in or relating to nitrofuryl quinazolines.
- 119653. Sri, Ritabrata Sanyal. Electric heater and heat-exchanger for tea drier and arrangements for controlling temperature of air in it.

The 3rd February 1969

- 119654. Jotindra Nath Dutt. Improvements in or relating to double line lock & block system of traffic control for railways and the like.
- 119655. R. J. Hansford. A construction process and apparatus therefor. (7th February 1968).
- 119656. Shri S. P. Jain. Automatic dipper-cum-dimmer for road vehicles.
- 119657. Sumitomo Chemical Company, Ltd. Process for producing urea.
- 119658. Tube Transit Corp. Method and apparatus for operating transportation system.
- 119659. Tube Transit Corp. High speed ground transportation system.
- 119660. Tube Transit Corp. Method and apparatus for bringing a vehicle to an emergency stop.
- 119661. Siemens Aktiengesellschaft. A switching arrangement.
- 119662. Texaco Development Corporation. Disproportionation reaction.
- 119663. E. J. De Pont De Nemours and Company. Method of extracting heat from articles with an ebullient liquid freezant.
- 119664. Ciba Limited. Process for the manufacture of crystalline polymer products based on diepoxides and polyester-dicarboxylic acids.
- 119665. Ciba Limited. Hydrogenated araliphatic acids, process for their manufacture and pharmaceutical preparations containing them.

119666. Union Carbide Corporation. Polymerization of ethylene using supported activated chromyl chloride catalysts.
119667. Grunzweig & Hartmann Aktiengesellschaft. Method and apparatus for producing cast or moulded elements.
119668. R. W. Winter. Grain moistening device. (23rd April 1968).
119669. N. V. Philips Gloeilampenfabrieken. Radioactive compounds for the determination of the absorption of fats.
119670. Fisons Pharmaceuticals Limited. Chemical process. (16th February 1968).
119671. Fisons Pharmaceuticals Limited. Chemical process. (16th February 1968).
119672. Albright & Wilson Limited. Chromising of ferrous metal substrates. (9th February 1968).
119673. Lavreotiki Societe Industrielle Anonyme. Compound strand and method of manufacture therefor.
119674. Stamicarbon N. V. Optical separation of methionine nitrile.
119675. R. S. Aggarwal. A leak-proof faucet for water or like liquids.
119676. Tokyo Shibaura Electric Company Limited. Improvements in a low pressure mercury vapour discharge lamp.
119677. Tokyo Shibaura Electric Company Limited. Improvements in a low pressure mercury vapour discharge lamp.
119678. Tokyo Shibaura Electric Company Limited. Improvements in a low pressure mercury vapour discharge lamp.

*The 4th February 1969*

119679. Fertilizer Corporation of India Limited. A process of preparation of sodium polyphosphate and sodium sulphate.
119680. Radio Corporation of America. Improved readback circuit for information storage systems.
119681. Chemical Construction Corporation. Production of sulfur dioxide.
119682. Dresser Industries, Inc. Improvements in or relating to safety valve.
119683. Jawa, narodni podnik. Control means for the control of the piston stroke of a piston pump.
119684. P. Ballabh. A fuse clamp assembly.
119685. Mitsubishi Jukogyo Kabushiki Kaisha. Method of manufacturing a spiral multilayer pipe.
119686. Toyo Rayon Co., Ltd. A method for manufacturing an improved polycapramide filament yarn by sealing a package in a bag and its product.
119687. Marshall Sons & Company Limited. Improved air heater. (8th February 1968).
119688. Joseph Lucas (Industries) Limited. Dynamo electric machines. (9th February 1968).
119689. Lansing Bagnall Limited. Improvement in or relating to industrial lift trucks. (16th February 1968).
119690. Aktiebolaget Nohab. Method and device for the manufacture of francis turbine runners.
119691. Seherico Ltd. Novel cyclic amidines and the therapeutic use thereof.
119692. L. Smolski. Liquid treatment apparatus and method.
119693. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Basically substituted urethanes and process for their manufacture.
119694. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Joint separation of acetylene and ethylene from cracked gases. [Addition to No. 111837].
119695. Hari Brothers Private Ltd. Hydraulic brake hose.

*The 5th February 1969*

119696. Venot-Pic. Societe Anonyme. Rotary heat exchanging apparatus. [Addition to No. 110107].
119697. I. L. Mehta. Magnetically inducing attachment to a motor or dynamo or the like and the induced cylinder or the like.
119698. Alexon-Pac Ab. Dispatching container, especially for gaseous liquids.
119699. Albiswerk Zurich A. G. Improvements in or relating to directional radar antenna arrangements. (13th November 1968).
119700. E-Z Mills, Inc. Elastic weft knitted rib fabric.
119701. Henri Favre Taillerie De Diamants Sa St. Claude. Process for holding precious stones during cutting and holding device for this process.
119702. Henri Favre Taillerie De Diamants S. A. St. Claude. Process for finding the angle of attack in the cutting of diamonds and apparatus for carrying out this process.
119703. General Motors Corporation. Motor vehicles.
119704. Halcon International, Inc. Purification of propylene oxide. [Addition to No. 112446].
119705. K. Kitazawa. A butterfly valve.
119706. Eli Lilly and Company Process of preparing  $\Delta^2$  and  $\Delta^3$ -cephalosporin compounds and the new compounds.
119707. "Tomos" tovarna motornih vozil, Koper. Foot controlled gearing for switching gear boxes of motor vehicles.
119708. Baunschweigsche Maschinenbauanstalt. Method and apparatus for preliminary extraction of water and extraction of sugar from bagasse.
119709. Spetsialnoe Konstruktorskoe Bjuro. Device for sinking blasting charge into soil.
119710. N. K. Mehra. A method and apparatus for the reduction of gypsum to lime and sulfur dioxide and utilization of same in allied industries.

*The 6th February 1969*

119711. Metallgesellschaft. A. G. Process and apparatus for the polymerisation of olefines in the gaseous phase.
119712. Creative Engineering Limited. Extensible structural members. (6th February 1968).
119713. Albright & Wilson Limited. Phosphoric acid production. (12th February 1968).
119714. Miles laboratories, Inc. Reactive particles for producing insolubilized biological reagents.
119715. Tennessee Corporation. Process for producing high analysis ammonium polyphosphates.
119716. United States Steel Corporation. Apparatus for inductively heating a traveling metal slab.
119717. Andrew Yule & Company Limited. Mechanised production of bricks, tiles and the like.
119718. International Standard Electric Corporation. Alternating current operated track circuits without insulated rail joints, for railway safety installations.
119719. Weather Engineering Corporation of Canada, Ltd. Method and apparatus for seeding clouds.
119720. H. G. Carlsen and E. Carlsen. A thermoprinting device.
119721. H. G. Carlsen and E. Carlsen. A thermoprinting device.
119722. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Aromatic compounds.
119723. Egyesult Gyogyszer Es Tapszergyar. New thionine derivatives and preparation thereof.
119724. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Quinoxaline-1, 4-dioxides and process for their manufacture.

119725. B. K. Baijal. Prevention of contamination and leakage of molten rosin from containers.

*The 7th February 1969*

119726. T. S. Soorina. A cooling attachment for electric fans.  
119727. Malleable Tube Products of India. An improved low level cistern.

119728. Rhone-Poulenc S. A. Polyurethane block elastomers and their preparation.

119729. Imperial Chemical Industries Limited. Safety explosive. (26th February 1968). [Addition to No. 97011].

119730. Quenot & Cie. S.a.r.l. Improvement in try-square.

119731. Jervis B. Webb Company. Automatic and manually controlled vehicle.

119732. Bernard Hooper. Improvements in or relating to step-piston two-stroke engines.

119733. Imperial Chemical Industries Limited. Extrusion of films and ribbons. (28th February 1968).

119734. The Dunlop Company Limited. Inflation valve. (7th February 1968).

119735. Miss Vimal Arora. Self holding and locking straps.

119736. S. A. Omer. A box for housing sitar and like instruments.

119737. Sivasadhan Bhattacharjee. Process of phase transformation of a-c current by static device.

119738. Ciba Limited. Process for the manufacture of new piperazines.

119739. Ciba Limited. Process for the manufacture of acetic acid compounds containing phosphorus.

119740. Ciba Limited. Process for the manufacture of thiazabicyclic compounds.

119741. Kumiai Chemical Industry Co., Ltd. Herbicide composition, and a process for preparing the same and a method of using the same.

119742. Tovarna Motornih Vozil Tomos. Gear change with clutch and gearing in common casing.

119743. Sandoz Ltd. Process for the production of azo compounds of low solubility. [Addition to No. 113738].

119744. Sumitomo Chemical Co., Ltd. Compositions for explosive materials.

119745. Kaiser Aluminum & Chemical Corporation. Continuous casting apparatus.

119746. Heinrich Koppers Gesellschaft Mit Beschränkter Haftung. Improvements relating to furnaces.

119747. B. P. Rao, G. S. R. Reddy and S. T. Rao. Improvements in or relating to bleaching of rice bran wax.

119748. D. N. Varma. Addiator.

#### Alteration of Date

94358. The claim to priority date 25th June 1963 has been disallowed and the application dated as of 22nd June 1964, the date of filing in India.

111768. The Claim to priority date 9th August 1966 has been abandoned and the application dated as of 1st August 1967, the date of filing in India.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in the due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

80275. The Battelle Development Corporation. Process for treating food and product resulting therefrom. Accepted on 11th November 1964. Wherein the food is immersed in a fluidized bed of hot solid discrete particles.

84310. J. P. Mecho and E. G. Sicilia. A process for the preparation of a product of high biological value to be incorporated in animal feeds, preferably for the monogastric. (26th September 1961). Accepted on 31st July 1965.

*Containing rumen microorganisms, reticulum microorganisms, dried yeast, top yeast lactic ferments, potassium iodide, sulphur, cobalt salt and triturated placenta.*

92769. Ab Tetra Pak. Method of improving the flavour qualities of milk reconstituted from oxidized milk powder. Accepted on 8th June 1966.

*Subjecting the reconstituted milk to heat treatment under aseptic conditions until it is sterile.*

92848. N. A. Ramaiah. A new process of clarification of cane juice using cationic surface active agents. Accepted on 4th May 1967.

*Comprising heating raw cane juice to 65°C adding milk of lime to raise the pH to 7 and then adding a cationic surfactant.*

92950. Wenger Manufacturing, Inc. Method of processing food products. Accepted on 25th April 1966.

*A method of processing a product containing starch granules and/or oleaginous agricultural product containing a heat susceptible growth inhibiting material comprises raising the temperature of the product for a predetermined level in a first zone, followed by increasing the mechanical pressure on the product and raising the temperature of the product as the product passes through a second zone all the while maintaining the temperature limit which are sufficiently high to reduce the growth of inhibiting effects of the material.*

93055. Unilever Limited. Process for the preparation of fat emulsions. (5th April 1963). Accepted on 19th May 1966.

*Wherein alkali metal caseinate is prepared by precipitating casein from milk with an acid, washing and then adding alkali solution to dissolve it.*

93074. N. A. Ramaiah. Removal of colour in cane sugar. Accepted on 30th June 1966.

*Heating juice, adding lime to raise pH to 7.0, adding cationic surfactant boiling filtering and evaporating.*

93170. A. R. D'Andrea. A metal container and a method for preserving foods and beverages. Accepted on 9th May 1966.

*Wherein a wall or part of a wall of the container consists of a metal of different anodic potential than the rest of the metal and is coated with a lacquer or resin permeable to metal ions.*

93425. Sunil Kumar Mukherjee and Ravalgaon Sugar Farm Limited. Improvements in or relating to the screening of suspended materials from liquids. Accepted on 3rd February 1966.

*A receiving and distributing through set of two curved plates, a curved screen and a receiving chamber.*

93804. Ab Tetra Pak. A method of vitaminizing albuminous food products. Accepted on 5th March 1966.

*Dehydroascorbic acid is added to the food article and made to react with the denaturation product formed during denaturation.*

93890. W. Demper. Process and device for continuous fermenting of tea leaves. Accepted on 14th February 1966.  
*Characterised in crushed tea leaves being fermented within a moving bed produced by blowing conditioned air into tea leaves.*
94067. Unilever Limited. Process for the preparation of foodstuffs. (7th June 1963). Accepted on 9th September 1966.  
*Comprises partially dehydrating the food shaft to a moisture content, endosing the foodstuff within a container which will prevent access of air and moisture to the foodstuff, and pasteurising the foodstuff.*
94358. Col. J. R. B. Goodfellow. Continuous bulk fermentation of tea leaves. Accepted on 10th May 1966.  
*Feeding fresh withered leaf at intervals to tea leaf already under fermentation, part of fermented product being drawn off and fresh leaf being treated in admixture.*
94612. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Process for the culture of algae in a synthetic medium. Accepted on 23rd November 1965.  
*Culturing algae of the genus cyanophyceae in an aqueous medium containing water, mineral salts, a source of assimilable nitrogen and a source of assimilable carbon.*
108204. The Anil Starch Products Limited. Manufacturing of dry corn syrup. Accepted on 3rd February 1969.  
*The liquid syrup is heated between 110° to 180°C and allowed to flow in a vacuum chamber having a vacuum of 29 inches or more through a pipe of 1" to 2" diameter fitted with wire grill for the distribution of syrup, exposing the inner surfaces to high vacuum.*
108421. Stamicarbon N. V. Process for increasing the amino-acid content of cereals. Accepted on 3rd February 1969.  
*Characterized in that an aqueous amine-acid containing solution is made to act at a temperature between 40 and 85°C at least 15 minutes on cereal grains whereafter the cereal grains are separated from aqueous solution.*
110182. Beteiligungs-Und Patentverwaltungsgesellschaft mit beschränkter haftung. Demountable supporting structure for demountable bridges or like structures. Accepted on 13th January 1969.  
*Comprising supporting members, projections, main girder insertion elements.*
110204. Abbott laboratories. Purification process for cyclohexylammonium-N-cyclohexyl sulfamate. Accepted on 5th February 1969.  
*Comprises in placing 1 part of the contaminated double salt in 1.5—5.0 parts by weight of 60% to 90% aqueous cyclohexyl amine slurring the mixture at least 60°C and separating the undissolved cyclohexylamine sulfate at the same temperature.*
110434. Colgate-Palmolive Company. Particulate detergent composition of low bulk density. Accepted on 28th January 1969.  
*Improvement comprising in including an olefin sulfonate detergent of about 8—25 carbon atoms in the mixture obtained by expanding with small bubble of gas an aqueous mixture of hydratable builder salt and a water soluble synthetic organic detergent.*
110441. Council of Scientific and Industrial Research. Process for the manufacture of high purity common salt by solar evaporation of brines. Accepted on 29th January 1969.  
*Characterised in that the precipitated salt is raked frequently to make the crystals uniform and which is further characterised in that the polythene or P. V. C. lining used is at least 1.3 mm. thick to permit raking and extraction of the salt crop.*
110488. Molins Machine Company Limited. Apparatus for machining work pieces to produce a variety of components. (12th May 1966). Accepted on 3rd February, 1969.  
*Comprising at least one numerically controlled machine tool, transport means, and programmed control means to control transport operations performed by said transport means and machining operations by the machine tool.*
110515. Reliance Engineering Corporation. Improvements in or relating to filters for filtering fluids in various plants requiring filtered fluid. Accepted on 3rd February 1969.  
*Besides having a filtering device it has also a cleaning device being fitted to the opening for the entry of the fluid to the outlet passage.*
110658. Fizichesky Institut Imeni P. N. Lebedeva. Electric incandescent lamp. Accepted on 31st January 1969.  
*Comprising an envelope containing an incandescent element made of a semiconductor doped with donor or acceptor impurities providing energy levels in the semiconductor not deeper than 0.5 electron volt from the conduction band and having a concentration of  $10^{17}$  to  $10^{20}$  cm<sup>-3</sup>.*
110667. A. R. Balsara. Improvements in or relating to filters for liquids for drinking purposes and the like. Accepted on 3rd February 1969.  
*Characterised in that a cooling chamber or compartment for keeping a cooling agent, the device being provided with means for inserting into as well as for draining from time to time the cooling agent.*
110728. Rohm and Haas Company. Treatment of aqueous liquids. Accepted on 3rd February 1969.  
*Comprising contacting the liquid with anion exchange resin particles having a microreticular structure and having an average pore diameter which is within the range from about 10,000 to about 500,000 Angstrom units.*
110747. The British Iron and Steel Research Association. Process for refining molten carbon containing metal and apparatus therefor. Accepted on 1st February 1969.  
*Comprising feeding the metal to a reaction vessel, shattering the freely falling flow in space by streams of oxidising gas collecting the refined molten particulate metal in the vessel and extracting gas from the vessel to thereby induce air into the vessel.*
110961. Engineers (Overseas) Corporation Private Ltd., Continuous production of diacetone alcohol. Accepted on 3rd February 1969.  
*Comprises a process for the continuous production of diacetone alcohol by condensing acetone and an apparatus therefor.*
111090. The Imperial Tobacco Company (of Great Britain and Ireland), Limited. Improvements in tobacco smoke filters. (22nd June 1966). Accepted on 5th February 1969.  
*Comprising a polymeric material produced from a condensation of dipolyethylene triamine with a compound containing reactive groups of the general formula-COX where X is OH, Cl or Br and CO is a ketonic group.*
111217. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New water-soluble 2 : 1-chromium complex monoazo dyestuffs and process for preparing them. Accepted on 3rd February 1969.  
*Comprises in reacting a 1 : 1-chromium complex monoazo dyestuff with equimolecular amount of a monoazo dyestuff being capable of forming a metal complex compound in the presence of an acid binding agent.*

111310. Probhat Charan Mukherjee and the Director, Indian Institute of Technology, Bombay Powal. Improvements in thermal diffusion processes. Accepted on 30th December 1968.

*Comprising heating a closed container containing the articles to be coated in the presence of a circulating halide of the coating material, circulating being carried out through pipes connected to the box and connecting either by pumps situated in side the furnace used for metallising, or by means of a circulating pump or pumps, heating the condensed halides by means of heating devices on one side of the tube and carrying them inside the metallising box by means of non-condensing gases.*

111461. The Dunlop Company Limited. Improvements in or relating to play balls. (22nd July 1966). Accepted on 6th February 1969.

*Comprising a blend of (A) natural or synthetic rubber and (B) a thermoplastic homopolymer of a styrene or substituted styrene, or a thermoplastic copolymer etc.*

111586. Rohm end Haas Company. A liquid polymerizable composition of matter, process for polymerizing it and polymerized composition of matter produced thereby. Accepted on 20th January 1969.

*Comprising ethylenically unsaturated cross-linkable polyester, a thermoplastic polymer and ethylenically unsaturated monomer.*

111658. Farwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the preparation of oxazine dyestuffs. Accepted on 25th January 1969.

*Condensing nitroso compounds of m-dialkyl amino phenol ethers with an aminophenol in the presence of finely dispersed zinc, copper, cadmium or magnesium.*

111668. Dr. C. Otto & Comp. G.m.b.H. Pusher machine for horizontal coke ovens. Accepted on 25th January 1969.

*A pusher machine and for a horizontal coke oven in which a single operator can move the machine, discharge the coke from the oven and level the fresh charge, lift withdraw, and replace the door, and additionally, clean the door and door frame.*

111720. A/B Centralsug. Apparatus for collecting and conveying for disposal, material such as garbage and method of processing the same. Accepted on 28th January 1969.

*Comprising an upright chute with door access, a conveying suction duct, means for separating conveyed material a valve between the bottom of the chute and the duct, and means for sucking air from the chamber.*

111768. Commonwealth Scientific and Industrial Research Organization. Twisted thread assemblies. Accepted on 1st February 1969.

*Comprises individually twisting strands to have repeated successive zones of opposite twist separated by twist change over regions, converging the strands to form a stable first thread having plying twist change-over regions, twisting and converging the threads to twist around to form a stable twisted assembly.*

111781. Societe Rhodiaceta. Process and device for treating moving yarns or strips with a liquid. Accepted on 1st February 1969.

*The material is brought into continuous contact with a liquid film formed on a plane external surface of a porous partition by passing the liquid through said partition.*

111916. BP Chemicals (U.K.) Limited. Process for the preparation of nitrogen-containing derivatives of acids (12th August 1966). Accepted on 5th February 1969.

*1,1'-peroxydicyclohexylamine is heated at temperatures in the range of 300°C to 600°C.*

111919. Imperial Chemical Industries Limited. Fertilising process and composition. (8th September 1966). Accepted on 3rd February 1969.

*Comprising urea and from 0.05—5% by weight of the urea of a quinone or a polyhydric phenol.*

111982. The Dunlop Company Limited. Laminates containing foam material. Accepted on 5th February 1969.

*Providing a laminate having a sheet of foamed material bonded to a sheet of creped paper facing material.*

112048. The Hadley Manufacturing Co. Vacuum operated pump. Accepted on 4th February 1969.

*Comprising a housing, a flexible diaphragm mounted in said housing and dividing the interior of the latter into two vacuum chambers means for subjecting said two vacuum chambers alternatively to negative pressure and atmospheric pressure, a pressure cylinder on said housing, a partition between said pressure cylinder and said first vacuum chamber,*

112109. Uniroyal, Inc. Moulding compositions. Accepted on 3rd February 1969.

*Comprising polybutadiene a gum plastic, filler, a monomeric ester having at least two non conjugated ethylenic double bonds and a free radical polymerisation initiator.*

112207. Council of Scientific and Industrial Research. Improvements in or relating to open-web steel sections for structural use. Accepted on 5th February 1969.

*A hollow trapezoidal open-web steel section with two sloping open webs and two parallel flanges consisting of a bigger open flange and a smaller closed or continuous flange, the two sloping webs being fabricated by any lattice work such as rod lacing, flat lacing or tube lacing.*

112241. Phillips Petroleum Company. Method for the preparation of 3-methyl-1-butene. Accepted on 1st February 1969.

*Comprises contacting propylene with an olefin dimerization catalyst recovering 4-methyl-1-pentene from the mixture, and contacting the latter compound with ethylene in presence of olefin disproportionation catalyst.*

112685. International Standard Electric Corporation. Electromechanical switching devices such as cross-bar switches. Accepted on 3rd February 1969.

*Comprising one or more movable contacts and one or more stationary contacts at the intersection of a switch controlling bar extending in a first direction and a switch controlling bar extending in a second direction, each movable contact is a resilient contact member having one of its ends anchored.*

113120. Farbenfabriken Bayer Aktiengesellschaft. Process for the preparation of vinylacetate. Accepted on 3rd February 1969.

*Comprising reacting ethylene with acetic acid and oxygen in the gaseous phase at elevated temperature in presence of a catalyst and adding small quantities of alkali metal compounds to the reactants.*

113341. R. S. Rao Gokarn and Srimati Madhu Rameshchandra Gokarn. A novel sunscreensing agent for use with cosmetic preparations. Accepted on 5th February 1969.

*Comprises fine grinding of p-amino benzoic acid and esters thereof and zinc oxide adapted for mixing in one or more cosmetic base.*

113481. BP Chemicals (U.K.) Limited. Production of 1,1'-peroxydicyclohexylamine. (16th December 1966). Accepted on 3rd February 1969.

*Contacting 1,1'-dihydroxycyclohexyl peroxide or substances giving 1,1'-dihydroxycyclohexyl peroxide under reaction conditions with ammonia, and an alkali metal, alkaline earth metal, ammonium or alkyl ammonium salt of an organic acid.*

113668. Ciba Limited. New *n,n'*-divlycidyl-bis-hydantoinyl derivatives process for their production and use. Accepted on 5th February 1969.

*Characterised in that the corresponding halogeno-hydroxyethyl residues are converted by means of a dehalogenating agent into epoxy ethyl groups.*

116483. Kabushiki Kaisha Noza Kagaku. Negative plate for storage battery. Accepted on 31st January 1969.

*Characterized in that a grid is made of a stainless steel and a paste of an active material such as leadoxide, lead sulphate or the like kneaded with a liquid such as sulphuric acid or the like for a negative electrode is applied to grid to fill the interior thereof and to coat its both surface and this path is then reduced by a formation treatment to be formed into spongy lead on the surfaces of the grid.*

115146. Knapsack Aktiengesellschaft. Process for the manufacture of carboxylic acids and unsaturated esters of carboxylic acids. Accepted on 4th February 1969.

*Comprises reacting an olefinic compound in presence of an aldehyde and a carboxylic acid using a palladium containing catalyst with molecule oxygen or air in the gas phase.*

114142. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of copolymers from ethylene and higher  $\alpha$ -olefins in suspension. Accepted on 3rd February 1969.

*Comprises carrying out the polymerisation in the presence of .0001 to 10% by weight calculated on the dispersing agent of a finely divided inert inorganic solid.*

114418. Council of Scientific and Industrial Research. Improvements in or relating to the direct deposition of platinum over titanium and titanium-based alloys. Accepted on 6th February 1969.

*Comprises precleaning of the surface to be plated, first by degreasing with organic solvent, chemical cleaning in a mixture containing alkali halides and potassium fluorides in presence of mineral acids, followed by anodic or cathodic cleaning, finally plating platinum by use of an alkaline bath containing alkali hexahydroxy platinate.*

114427. Sherritt Gordon Mines Limited. Method for recovering substantially pure nickel from ammoniacal nickel ammonium carbonate leach solutions. (15th February 1967). Accepted on 3rd February 1969.

*Basic nickel carbonate obtained by heating the solution is dissolved in aqueous ammoniacal ammonium carbonate solution the solids are separated and the solution thus obtained is reprecipitated as basic nickel carbonate, the resulting slurry is contacted with oxygen and the so treated slurry is reacted with hydrogen.*

114441. The Steel Company of Wales Limited. Process for the refining or treatment of a ferrous charge. (8th December 1967). Accepted on 5th February 1969.

*Refining a ferrous charge in open hearth furnace or top blow converter by injecting into the cessel a stream of nascent oxygen nascent hydrogen and hydroxyl radicals and causing the radicals to enter the melt and recombine exothermally.*

114443. T. R. Rao. An improved time switch. Accepted on 6th February 1969.

*Comprising a clock, graduated scale sprocket, shaft hourhand, stud pointer point, contact points, leads.*

114457. Enterprise Miniere et Chimique. Ammonium nitrate explosive. Accepted on 3rd February 1969.

*Comprising ammonium nitrate admixed with a liquid petroleum hydrocarbon, and a solid cyclic hydrocarbon.*

114662. The Goodyear Tire & Rubber Company. Catalyst composition suitable for use in the polymerisation of butadiene and butadiene in mixture with other diolefins. Accepted on 3rd February 1969.

*Comprising (i) organometallic compound of metals of Group I, II and III of the periodic system (ii) organonickel compound and (iii) tungsten hexafluoride or molybdenum hexafluoride.*

#### APPEAL PROCEEDINGS (SECTION 9)

An appeal has been filed by Alimahomed Chhaganbhai Padamsee, against the decision of the Joint Controller of Patents & Designs on an opposition to the grant of a patent on application No. 69118.

#### Patents Sealed

101626, 103517, 104875, 105249, 105663, 106504, 107059, 107405, 107833, 108281, 108282, 108877, 109055, 109099, 109164, 110271, 110344, 110755, 111074, 111727, 111729, 112115, 112459, 112725, 113147, 113205.

#### Amendment Proceedings

##### (1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Denco AG., a Swiss Company, of Baarerstrasse 117, Zug Switzerland, seek leave to amend the application form of Patent Application No. 100798. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, given notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

##### (2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that John Henry William Ratzert, a British Subject, of 83, Abbey Street, Faversham, Kent, England, and Reads Limited, a British Company, of Orrell House, Orrell Lane, Walton, Liverpool 9, England, seek leave to amend the description and claim in the specification in respect of the patent application No. 102761. Any person desirous of opposing the application for amendment should any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

#### Renewal Fees Paid

51102, 51206, 51377, 51531, 51586, 51598, 51599, 51600, 53753, 53907, 53928, 53967, 53968, 54001, 54084, 54133, 54406, 54493, 56329, 56602, 56643, 56708, 56733, 56772, 56804, 56844, 56945, 56972, 57015, 59536, 59578, 59631, 59649, 59653, 59662, 59689, 59703, 59704, 59705, 59722, 59801, 59829, 59883, 59896, 59993, 60167, 61089, 61090, 63061, 63076, 63099, 63110, 63118, 63143, 63144, 63145, 63146, 63147, 63148, 63149, 63150, 63151, 63162, 63171, 63186, 63250, 63270, 63274, 63401, 63404, 63437, 64084, 65768, 66584, 66608, 66631, 66670, 66687, 66758, 67043, 67045, 67114, 67127, 67152, 67160, 67186, 67194, 67897, 68064, 69088, 69529, 70594, 70673, 70727, 70764, 70814, 70825, 70828, 70880, 70959, 71018, 71088, 71105, 71106, 71137, 71157, 71286, 71356, 71357, 71463, 71824, 71828, 71912, 71990, 72046, 72083, 72601, 75248, 75252, 75261, 75329, 75351, 75440, 75644, 75859, 75862, 75875, 75898, 75901, 75932, 75952, 76178, 76319, 76816, 77582, 78211.

78611. 79386. 79592. 79593. 79594. 79595. 80278. 80582.  
 80708. 80709. 80812. 80908. 80958. 80961. 81046. 81068.  
 81086. 81096. 81111. 81118. 81124. 81126. 81143. 81150.  
 81162. 81200. 81234. 81261. 81305. 81307. 81353. 81371.  
 81394. 81422. 81430. 81510. 81771. 81920. 84070. 86214.  
 86277. 86278. 86298. 86365. 86370. 86396. 86410. 86429.  
 86435. 86440. 86453. 86455. 86495. 86563. 86589. 86656.  
 86707. 86710. 86752. 86754. 86813. 86904. 86921. 86945.  
 87002. 87021. 87050. 87055. 87057. 87090. 87099. 87127.  
 87147. 87257. 87289. 87349. 87486. 87555. 87566. 91756.  
 91797. 91960. 91988. 92078. 92083. 92115. 92116. 92130.  
 92141. 92142. 92155. 92159. 92174. 92186. 92207. 92256.  
 92270. 92312. 92413. 92418. 92419. 92428. 92436. 92446.  
 92454. 92455. 92456. 92506. 92588. 92600. 92606. 92613.  
 92643. 92655. 92696. 92725. 92737. 92799. 92831. 92895.  
 92897. 92923. 92939. 92940. 92969. 92980. 93267. 93272.  
 93942. 94523. 94846. 94944. 95155. 95716. 96966. 97260.  
 97303. 97565. 97601. 97603. 97663. 97689. 97690. 97696.  
 97719. 97729. 97757. 97770. 97831. 97859. 97943. 97944.  
 97997. 98038. 98039. 98077. 98099. 98103. 98201. 98202.  
 98223. 98247. 98260. 98261. 98262. 98285. 98313. 98324.  
 98346. 98390. 98392. 98433. 98453. 98498. 98506. 98510.  
 98545. 98551. 98587. 98588. 98589. 98596. 98707. 98753.  
 98875. 98874. 98924. 98925. 99058. 99143. 99641. 101480.  
 101967. 102055. 103703. 103745. 104290. 104808. 104217.  
 107727.

#### Extension of the Term of Patents

"Notice is hereby given that a petition under Section 15 of the Indian Patents and Designs Act, 1911 for extension of the term of Patent No. 49373 for "improvements in or relating to crushing machines" has been left at the Patent Office by Sayaji Iron & Engineering Co. (Pvt.) Ltd., Chhani Road, Baroda. The Petition may be inspected at the Patent Office, 214, Lower Circular Road, Calcutta-17. Any person desirous of opposing the grant of extension of the term of this patent should on or before 15-4-69 lodge with the Controller of Patents & Designs at the above address, a notice on Form 6 of the Indian Patents and Designs Rules, 1933 and shall at the same time serve a copy of such notice upon petitioner C/o. Messrs. L. S. Davar & Co., 1 & 2, Old Court House Corner, Calcutta-1".

#### Cessation of Patents

82702. 82703. 82706. 82708. 82716. 92800.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 134228. Eknath Yeshwant Ranade, 917/2, Ganesh-Wadi, Fergusson College Road, Poona-4, State of Maharashtra, India, Indian. "A water heater", July 15, 1968.

Class 1. No. 134229. Eknath Yeshwant Ranade, 917/2, Ganesh-Wadi, Fergusson College Road, Poona-4, State of Maharashtra, India, Indian, "A cooker", July 15, 1968.

Class 1. Nos. 134243 and 134244. The Standard Batteries Limited, An Indian Company Registered under the Indian Companies Act, 1913, and having its Registered Office at: Vakola, Santa-cruz, Bombay-55, Maharashtra, India, "Window shutter", July 19, 1968.

Class 1. No. 134285. EMT Electrical Industries, an Indian Partnership firm, Imperial Chambers, Wilson Road, Ballard Estate, Bombay-1 (Maharashtra), "Table lamp", July 22, 1968.

Class 1. Nos. 134286 and 134287. Eastern Machinery & Trading Company, an Indian Partnership Firm, Imperial Chambers, Wilson Road, Ballard Estate, Bombay-1, (Maharashtra), "Safety razor", July 22, 1968.

Class 1. No. 134312. Tolbro International, 4, Wilson Road, Ballard Estate, Bombay-1, (Maharashtra), an Indian partnership concern, "Tweezers", July 30, 1968.

Class 1. No. 134315. Udayan Chintaman Amdekar, C/o. Amdekar Institute of Commerce, Opposite Majestic Cinema, 2nd Floor, Girgaum, Bombay-4, State of Maharashtra, India, an Indian, "Devanagari type founts", August 1, 1968.

Class 1. Nos. 134778 to 134780. Elegant Industries Private Limited. (A Company registered under the Indian Companies Act), Udyog Bhavan, 250-D, Worli, Bombay-18 (Maharashtra), "Ear top", October 31, 1968.

Class 3. No. 134116. Jhaveri Bros. & Co., Private Ltd., "Jhaveri" House, 4th Floor, 348 Abdul Rehman Street, Near Crawford Market, Bombay-3, BR., Maharashtra, India, an Indian Company. "A tin piercer cum pourer", June 28, 1968.

Class 3. No. 134273. Comet Industrial Corporation, an Indian Partnership firm duly registered under the Indian Partnership Act, Government Industrial Estate, Kandivali, Plot No. 137 C & D Charkop : Bombay-67, State of Maharashtra, India, "An intercommunication set", July 20, 1968.

Class 3. No. 134313. Tolbro International, 4, Wilson Road, Ballard Estate, Bombay-1, (Maharashtra) an Indian partnership concern, "Comb", July 30, 1968.

Class 13. Nos. 135011 and 135012. Calico Dyeing & Printing Mills (P.) Ltd., Industrial Estates, 41B Parel Chawl Road, Lalbaug, Bombay-12, Nationality—Indian, "Textile goods including silk and art-silk piece-goods", December 27, 1968.

Class 13. Nos. 135018 to 135022, 135024 to 135027, 135029 and 135030. The Crown Spg. & Mfg. Co., Ltd., Sir Vithaldas Chambers, 16, Apollo Street, Fort, Bombay-1, Maharashtra, Nationality—Indian Company, "Textile goods", December 30, 1968.

Class 13. Nos. 135031 to 135040. Jiyajee Rao Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", December 31, 1968.

Class 14. No. 133932. The Crown Spg. Mfg. Co., Ltd., Sir Vithaldas Chambers, 16, Apollo Street, Bombay-1, Maharashtra, Nationality—Indian Company, "Textile goods", June 4, 1968.

S. VEDARAMAN  
 Controller General of Patents, Designs  
 and Trade Marks

